

Perimeter Air Samples
 17 October - 22 October 2005
 ASCON Emergency Action
 Huntington Beach, California

Analyte	SAMPLE LOCATION														
	EA-AA-01					EA-AA-02					EA-AA-03				
	Minimum ($\mu\text{g}/\text{m}^3$)	Maximum ($\mu\text{g}/\text{m}^3$)	Number analyzed	Number detected	Frequency of detection (%)	Minimum ($\mu\text{g}/\text{m}^3$)	Maximum ($\mu\text{g}/\text{m}^3$)	Number analyzed	Number detected	Frequency of detection (%)	Minimum ($\mu\text{g}/\text{m}^3$)	Maximum ($\mu\text{g}/\text{m}^3$)	Number analyzed	Number detected	Frequency of detection (%)
Chloromethane	0.83	1.3	5	5	100%	0.83	1.1	5	5	100%	0.8	1.5	5	5	100%
Acetone	12	28	5	5	100%	8.6	36	5	5	100%	<7.3	29	5	4	80%
Trichlorofluoromethane	1.1	1.3	5	5	100%	1.1	1.3	5	5	100%	1	1.2	5	5	100%
Methylene chloride	0.71	0.95	5	3	60%	0.77	0.77	5	1	20%	<0.71	0.83	5	1	20%
Carbon Disulfide	<0.65	0.95	5	1	20%	-	-	-	-	-	-	-	-	-	-
Methyl tert-Butyl Ether	-	-	-	-	-	-	-	-	-	-	<0.71	1.8	5	1	20%
Vinyl Acetate	<1.3	3.4	5	1	20%	<1.5	6.4	5	1	20%	-	-	-	-	-
2-Butanone (MEK)	1	7.1	5	5	100%	0.81	3.2	5	5	100%	<0.73	5.7	5	4	80%
n-Hexane	<0.8	1.3	5	3	60%	<0.84	1.5	5	4	80%	<0.79	1.5	5	3	60%
Benzene	<0.82	1.3	5	4	80%	<0.84	1.3	5	4	80%	0.92	1.5	5	5	100%
4-Methyl-2-pentanone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	1.2	4.7	5	5	100%	1.2	4.5	5	5	100%	2.1	4.9	5	5	100%
2-Hexanone	<0.65	1.6	5	1	20%	-	-	-	-	-	<0.71	1.7	5	1	20%
Tetrachloroethene	<0.65	0.78	5	1	20%	-	-	-	-	-	<0.71	2.7	5	1	20%
Ethylbenzene	<0.65	0.78	5	1	20%	<0.78	0.8	5	1	20%	<0.73	0.98	5	2	40%
m,p-Xylenes	<1.6	3	5	2	40%	<1.6	3.1	5	2	40%	<1.6	3.6	5	4	80%
o-Xylene	0.71	1.1	5	2	40%	<0.78	1.2	5	1	20%	<0.79	1.3	5	3	60%
n-Nonane	<0.65	0.82	5	1	20%	-	-	-	-	-	<0.71	0.8	5	1	20%
alpha-Pinene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	-	-	-	-	-	<0.75	0.85	5	1	20%	-	-	-	-	-
1,2,4-Trimethylbenzene	0.72	1.1	5	2	40%	<0.78	3.4	5	2	40%	<0.79	1.4	5	3	60%
d-Limonene	<0.65	0.82	5	1	20%	-	-	-	-	-	<0.73	0.79	5	1	20%
Naphthalene	-	-	-	-	-	<0.75	10	5	1	20%	-	-	-	-	-

Dash (-) indicates no detection at sample location

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For minimum the lower of either the minimum detected value or minimum reported limit presented.

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Analyte	SAMPLE LOCATION														
	EA-AA-04					EA-AA-05					EA-AA-06				
	Minimum ($\mu\text{g}/\text{m}^3$)	Maximum ($\mu\text{g}/\text{m}^3$)	Number analyzed	Number detected	Frequency of detection (%)	Minimum ($\mu\text{g}/\text{m}^3$)	Maximum ($\mu\text{g}/\text{m}^3$)	Number analyzed	Number detected	Frequency of detection (%)	Minimum ($\mu\text{g}/\text{m}^3$)	Maximum ($\mu\text{g}/\text{m}^3$)	Number analyzed	Number detected	Frequency of detection (%)
Chloromethane	1.1	1.6	5	5	100%	0.86	1.6	5	5	100%	0.83	1.3	5	5	100%
Acetone	8.5	21	5	5	100%	8.8	36	5	5	100%	8.6	18	5	5	100%
Trichlorofluoromethane	1.1	2.9	5	5	100%	1.1	3.3	5	5	100%	1.1	1.2	5	5	100%
Methylene chloride	<0.73	0.88	5	2	40%	<0.74	0.8	5	1	20%	<0.72	0.89	5	1	20%
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert-Butyl Ether	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	<1.4	3.2	5	1	20%	<1.5	5.9	5	2	40%	-	-	-	-	-
2-Butanone (MEK)	1	4.8	5	5	100%	1.1	8.1	5	5	100%	0.98	2.9	5	5	100%
n-Hexane	<0.73	1.6	5	2	40%	<0.74	1.3	5	2	40%	<0.77	1.4	5	3	60%
Benzene	<0.87	1.4	5	4	80%	<0.78	1.2	5	3	60%	<0.77	1.2	5	3	60%
4-Methyl-2-pentanone	<0.69	1.3	5	1	20%	<0.74	1.2	5	1	20%	-	-	-	-	-
Toluene	1.7	8.6	5	5	100%	1.7	6.3	5	5	100%	1.7	4.5	5	5	100%
2-Hexanone	<0.69	0.9	5	1	20%	<0.74	2.1	5	1	20%	-	-	-	-	-
Tetrachloroethene	<0.69	2.6	5	1	20%	<0.74	2.2	5	1	20%	-	-	-	-	-
Ethylbenzene	0.71	1.5	5	4	80%	<0.74	0.93	5	2	40%	<0.72	0.81	5	1	20%
m,p-Xylenes	<1.6	5.3	5	4	80%	<1.5	3.4	5	3	60%	<1.5	3	5	2	40%
o-Xylene	<0.82	1.4	5	4	80%	<0.74	1.1	5	1	20%	<0.77	1.1	5	2	40%
n-Nonane	<0.69	2	5	1	20%	-	-	-	-	-	-	-	-	-	-
alpha-Pinene	<0.73	3.6	5	3	60%	<0.74	2.8	5	2	40%	<0.72	0.87	5	1	20%
1,3,5-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	<0.82	1.3	5	3	60%	<0.74	1.1	5	1	20%	<0.77	1.1	5	2	40%
d-Limonene	<0.73	2.6	5	3	60%	<0.74	3.3	5	3	60%	<0.77	0.82	5	2	40%
Naphthalene	<0.69	1.7	5	1	20%	-	-	-	-	-	-	-	-	-	-

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Analyte	SAMPLE LOCATION				
	EA-AA-07				
	Minimum ($\mu\text{g}/\text{m}^3$)	Maximum ($\mu\text{g}/\text{m}^3$)	Number analyzed	Number detected	Frequency of detection (%)
Chloromethane	<0.84	1.2	5	4	80%
Acetone	11	22	5	5	100%
Trichlorofluoromethane	1.1	1.3	5	5	100%
Methylene chloride	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-
Methyl tert-Butyl Ether	-	-	-	-	-
Vinyl Acetate	<1.5	4	5	2	40%
2-Butanone (MEK)	0.99	3.7	5	5	100%
n-Hexane	<0.76	1.2	5	3	60%
Benzene	0.78	0.94	5	4	80%
4-Methyl-2-pentanone	-	-	-	-	-
Toluene	1.8	3.1	5	5	100%
2-Hexanone	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-
Ethylbenzene	-	-	-	-	-
m,p-Xylenes	<1.5	2.1	5	3	60%
o-Xylene	-	-	-	-	-
n-Nonane	-	-	-	-	-
alpha-Pinene	-	-	-	-	-
1,3,5-Trimethylbenzene	-	-	-	-	-
1,2,4-Trimethylbenzene	-	-	-	-	-
d-Limonene	<0.76	1.1	5	1	20%
Naphthalene	-	-	-	-	-

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